

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)
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APPLICANT
BOSCH et al.

FILING DATE
November 12, 1998

Date Submitted to PTO: September 27, 1999

GROUP
1814

1616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P-213	A1	4,826,821	05/89	CLEMENTS	514	78	
P-1	A2	5,225,183	07/93	PUREWAL et al.	424	45	
P-5	A3	5,747,001	05/98	WIEDMANN et al.	424	45	
P-5	A4	5,145,684	09/92	LIVERSIDGE et al.	424	489	
P-5	A5	5,264,610	11/93	BACON	560	47	
P-5	A6	5,785,049	07/98	SMITH et al.	128	203.15	
P-5	A7	4,807,814	02/89	DOUCHE et al.	239	428	
P-5	A8	5,260,478	11/93	BACON et al.	560	110	
P-5	A9	5,322,679	06/94	BACON et al.	424	5	
P-213	A10	5,300,739	04/94	BITTAR	187	127	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
P-213	A11	0 347 779	12/89	EUROPE			
P-1	A12	92/08446	05/92	WIPO NO			
P-213	A13	0 275 796	07/88	EUROPE			
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P-213	A14		NEWMAN, "Therapeutic Aerosols", pp. 197-224, (1984)	Incomplete
P-213	A15		PRODI et al., "Airborne Particles And Their Intrapulmonary Deposition", <i>Scientific Foundations Of Respiratory Medicine</i> , pp. 545-558, (1981)	
P-213	A16		HEYDER, "Mechanisms Of Aerosol Particle Deposition", <i>Lung Mucociliary Clearance</i> , Vol. 80:(6)820-823, (1981)	
P-213	A17		FOX et al., "Performance Of A Venturi Eductor As A Feeder In A Pneumatic Conveying System", <i>Powder And Bulk Engineering</i> , pp. 33-36, (1988)	

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DATE CONSIDERED

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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

pk	A18		TIANO, "Functionality Testing Used To Rationally Assess Performance Of A Model Respiratory Solution Or Suspension In A Nebulizer (Performance Assessment)", Vol. 56/12-B of Dissertation Abstracts International, (1995)
pk	A19		WALDREP et al., "Operating Characteristics of 18 Different Continuous-Flow Jet Nebulizers With Beclomethasone Dipropionate Liposome Aerosol", pp 11-17, (1994)
pk	A20		BYRON, "Aerosol Formulation, Generation, And Delivery Using Nonmetered Systems", pp. 143-151, (1989)
Waldrep	A21		Soviet Union Abstract No. 628930, "Bulb-Actuated Ejector For Powdered Medicinal Substance", (1978)
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FORM PTO 1449 (modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.
029318/0109

SERIAL NO.
09/190,138

APPLICANT
Bosch et al.

Date Submitted to PTO:
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November 12, 1998

GROUP
1615-1616

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Q13	C1	5,518,738	05.21.96	Eickhoff et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
Q13	C2	WO 96/25918	29.08.96	WO			English	
	C3	WO 98/35666	20.08.98	WO			English	
	C4	WO 95/27475	19.10.95	WO			English	
Q13	C5	WO 99/38493	05.08.99	WO			English	

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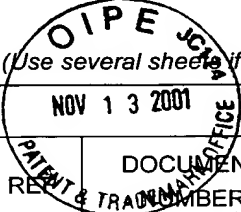
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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 029318-0615		SERIAL NO. 09/597,738		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Bosch et al.				
				FILING DATE 06/19/2000		GROUP ART UNIT 1619 1616		
<div style="text-align: center;">  U.S. PATENT DOCUMENTS </div>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
Q13	A1	5,091,187	02/25/1992	Haynes	424/450	—	05/21/1991	
	A2	5,091,188	02/25/1992	Haynes	424/450	—	04/26/1990	
	A3	5,118,528	06/02/1992	Fessi et al.	427/213	—	10/04/1990	
	A4	5,145,684	09/08/1992	Liversidge et al.	424/489	—	01/25/1991	
	A5	5,202,110	04/13/1993	Dalby et al.	424/45	—	01/22/1992	
	A6	5,985,309	11/16/1999	Edwards et al.	424/426	—	11/17/1997	
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
Q13	A7	0 499 299 A2	19.08.1992	EPO Europe	A61K 47/48	—	X	
	A8	43 27 063 A1	16.02.1995	DE Germany	C07C 50/28	—		X
	A9	0 602 702 A1	22.06.1994	EPO Europe	A61K 49/04	—	X	
	A10	2 237 510	08.05.1991	GB Britain	A61K 9/14	—	X	
	A11	WO 91/16038	31.10.1991	WIPO Wo	A61K 9/12	—	X	
	A12	WO 92/08446	29.05.1992	WIPO Wo	A61K 9/12	—	X	
A13	WO 94/20072	15.09.1994	WIPO Wu	A61K 9/10	—	X		
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Q13	A14	F. Morén, Chapter 13, "Aerosol Dosage Forms and Formulations," <i>Aerosols in Medicine. Principles, Diagnosis and Therapy</i> , 2nd Edition, F. Moren et al. eds. (Elsevier Science Publishers 1993)						
	A15	Remington's <i>Pharmaceutical Sciences</i> , pp. 1565-1567 (Mack Publishing Company 1990)						
	A16	Edwards et al., "Large Porous Particles for Pulmonary Drug Delivery," <i>Science</i> , 276:1868-1871 (June 20, 1997)						
	A17	"Test Method B527-93(2000)el Standard Test Method for Determination of Tap Density of Metallic Powders and Compounds," http://www.astm.org/DATABASE.CART/PAGES/B527.htm						
	A18	"Autotap and Dual Autotap," http://www.quantachrome.com/Density/Autotap.htm						
	A19	"Optimal Tapped Density Tester," http://optimalcontrol.com/tapped.html						
EXAMINER BAWA				DATE CONSIDERED 2/20/02				
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	C2	5,098,907	03/24/1992	KONDO et al.	514	274		
	C3	5,002,952	03/26/1991	KONDO et al.	514	274		
	C4	4,983,605	01/08/1991	KONDO et al.	514	247		
	C5	4,904,668	02/27/1990	KONDO et al.	514	274		
	C6	4,851,421	07/25/1989	IWASAKI et al.	514	352		
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	C8	4,540,602	09/10/1985	MOTOYAMA et al.	427	213.31		
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
Q13	C9	0 262 560 A2	04/06/1988	EUROPE	—	—		X
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Q13	C10	KONDO et al., "Pharmacokinetics of a Micronized, Poorly Water-Soluble Drug, HO-221, in Experimental Animals," <i>Biol. Pharm. Bull.</i> 16(8):796-800 (1993) © Pharmaceutical Society of Japan.						
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